

# 5/2-directional valve, Series CD04

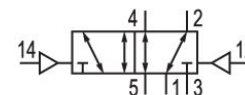
R412008116

Series  
CD04

2024-05-28

## Series CD04

Qn = 900l/min



## Technical data

|                                       |                                   |
|---------------------------------------|-----------------------------------|
| Industry                              | Industrial                        |
| Activation                            | Pneumatically                     |
| Valve type                            | Spool valve, positive overlapping |
| Sealing principle                     | Soft seal                         |
| Connection type                       | Pipe connection                   |
| Compressed air connection input       | M10x1                             |
| Compressed air connection output      | M10x1                             |
| Compressed air connection, exhaust    | M10x1                             |
| Compressed air connection pilot input | M10x1                             |
| Nominal flow Qn                       | 900 l/min                         |
| Min. working pressure                 | -0.95 bar                         |
| Max. working pressure                 | 10 bar                            |
| Min. control pressure                 | 2 bar                             |
| Max. control pressure                 | 10 bar                            |
| Min. ambient temperature              | -15 °C                            |
| Max. ambient temperature              | 65 °C                             |

# 5/2-directional valve, Series CD04

Series  
CD04

R412008116

2024-05-28

---

|                                    |                     |
|------------------------------------|---------------------|
| Min. medium temperature            | -15 °C              |
| Max. medium temperature            | 65 °C               |
| Medium                             | Compressed air      |
| Min. oil content of compressed air | 0 mg/m <sup>3</sup> |
| Max. oil content of compressed air | 1 mg/m <sup>3</sup> |
| Max. particle size                 | 50 µm               |
| Mounting on manifold strip         | P-strip             |
| Weight                             | 0.3 kg              |

## Material

|                  |   |
|------------------|---|
| Housing material | Die cast zinc<br>Polyamide fiber-glass reinforced |
| Seal material    | Acrylonitrile butadiene rubber                    |
| Part No.         | R412008116  |

## Technical information

The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!

The pressure dew point must be at least 15 °C less than ambient and medium temperature and may not exceed 3 °C.

The oil content of compressed air must remain constant during the life cycle.

Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in <https://www.emerson.com/en-us/support>).

# 5/2-directional valve, Series CD04

R412008116

Series  
CD04

2024-05-28

## Dimensions

